

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	B. R. Reddy, Krishna M. Ravi, ) James E. Griffith, Frank Zamora, ) Karen Luke, Ricky A. Cox and ) John L. Dennis, Jr. )	Art Unit:	Unknown
Serial No.:	Unknown )		
Filed:	Concurrently Herewith )	Examiner:	Unknown
For:	METHODS OF GENERATING ) GAS IN WELL FLUIDS )		

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U.S. PATENTS**

U.S. Patent No. 3,591,394 issued on July 6, 1971 to Kurt Diggelmann et al.

U.S. Patent No. 3,958,638 issued on May 25, 1976 to Chester C. Johnston.

U.S. Patent No. 4,142,909 issued on March 6, 1979 to Robert W. Gaines.

U.S. Patent No. 4,219,083 issued on August 26, 1980 to Edwin A. Richardson et al.

U.S. Patent No. 4,232,741 issued on November 11, 1980 to Edwin A. Richardson et al.

U.S. Patent No. 4,289,633 issued on September 15, 1981 to Edwin A. Richardson et al.

U.S. Patent No. 4,304,298 issued on December 8, 1981 to David L. Sutton.

U.S. Patent No. 4,333,764 issued on June 8, 1982 to Edwin A. Richardson.

U.S. Patent No. 4,340,427 issued July 20, 1982 to David L. Sutton.

U.S. Patent No. 4,367,093 issued January 4, 1983 to John F. Burkhalter et al.

U.S. Patent No. 4,450,010 issued on May 22, 1984 to John F. Burkhalter et al.

U.S. Patent No. 4,692,269 issued September 8, 1987 to Chester J. Kmiec et al.

U.S. Patent No. 4,741,401 issued on May 3, 1988 to Wilhelm E. Walles et al.

U.S. Patent No. 4,813,484 issued on March 21, 1989 to Randy D. Hazlett.

U.S. Patent No. 4,844,163 issued on July 4, 1989 to Randy D. Hazlett et al.

U.S. Patent No. 5,373,901 issued on December 20, 1994 to Lewis R. Norman et al.

U.S. Patent No. 5,613,558 issued on March 25, 1997 to Robert L. Dillenbeck, III.

U.S. Patent No. 5,658,380 issued on August 19, 1997 to Robert Lee Dillenbeck, III.

U.S. Patent No. 5,789,352 issued on August 4, 1998 to Robert B. Carpenter et al.

U.S. Patent No. 5,962,808 issued on October 5, 1999 to Norman H. Lundstrom.

U.S. Patent No. 5,996,693 issued on December 7, 1999 to James F. Heathman.

U.S. Patent No. 6,035,933 issued on March 14, 2000 to Carlos Nagib Khalil et al.

U.S. Patent No. 6,063,738 issued on May 16, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,138,760 issued on October 31, 2000 to Enrique Lopez et al.

U.S. Patent No. 6,162,839 issued on December 19, 2000 to Wolfgang Klauck et al.

U.S. Patent No. 6,209,646 B1 issued on April 3, 2001 to Baireddy R. Reddy et al.

U.S. Patent No. 6,270,565 B1 issued on August 7, 2001 to James F. Heathman.

U.S. Patent No. 4,565,578 issued January 21, 1986 to David L. Sutton et al.

U.S. Patent No. 4,832,123 issued May 23, 1989 to Ibrahim S. Abou-Sayed et al.

U.S. Patent No. 3,977,470 issued August 31, 1976 to Harry L. Chang.

U.S. Patent No. 5,495,891 issued March 5, 1996 to Robert D. Sydansk.

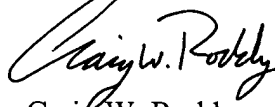
U.S. Patent No. 4,121,674 issued October 24, 1978 to Paul W. Fischer et al.

**FOREIGN DOCUMENTS**

Russian Patent No. 2047642 published October 11, 1995 (abstract only).

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Craig W. Roddy". The signature is fluid and cursive, with the first name "Craig" being more prominent.

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**ATTORNEY FOR APPLICANTS**

<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	HES 2001-IP-003428U1C1	Unknown
	APPLICANT  <b>B. R. Reddy et al.</b>	
	FILING DATE	GROUP
	Concurrently Herewith	Unknown

*U.S. PATENT DOCUMENTS*

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	3,591,394	07/06/71	Diggelmann et al.	106	87	
	AB	3,958,638	05/25/76	Johnston	166	294	
	AC	4,142,909	03/06/79	Gaines	106	87	
	AD	4,219,083	08/26/80	Richardson et al.	166	300	
	AE	4,232,741	11/11/80	Richardson et al.	166	281	
	AF	4,289,633	09/15/81	Richardson et al.	252	8.55 B	
	AG	4,304,298	12/08/81	Sutton	166	293	
	AH	4,333,764	06/08/82	Richardson	106	87	
	AI	4,340,427	07/20/82	Sutton	106	87	
	AJ	4,367,093	01/04/83	Burkhalter et al.	106	87	
	AK	4,450,010	05/22/84	Burkhalter et al.	106	87	

*FOREIGN PATENT DOCUMENTS*

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	2047642	10/11/95	Russia			X (abstract only)	
	AM							
	AN							
	AO							
	AP							

*OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	BA	4,692,269	09/08/87	Kmiec et al.	252	350	
	BB	4,741,401	05/03/88	Walles et al.	166	300	
	BC	4,813,484	03/21/89	Hazlett	166	270	
	BD	4,844,163	07/04/89	Hazlett et al.	166	270	
	BE	5,373,901	12/20/94	Norman et al.	166	300	
	BF	5,613,558	03/25/97	Dillenbeck, III	166	293	
	BG	5,658,380	08/19/97	Dillenbeck, III	106	823	
	BH	5,789,352	08/04/98	Carpenter et al.	507	209	
	BI	5,962,808	10/05/99	Lundstrom	149	19.1	
	BJ	5,996,693	12/07/99	Heathman	166	291	
	BK	6,035,933	03/14/00	Khalil et al.	166	263	
	BL	6,063,738	05/16/00	Chatterji et al.	507	269	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	BM							
	BN							
	BO							
	BP							
	BR							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	CA	6,138,760	10/31/00	Lopez et al.	166	300	
	CB	6,162,839	12/19/00	Klauck et al.	521	83	
	CC	6,209,646 B1	04/03/01	Reddy et al.	166	300	
	CD	6,270,565 B1	08/07/01	Heathman	106	696	
	CE	4,565,578	01/21/86	Sutton et al.	106	87	
	CF	4,832,123	05/23/89	Abou-Sayed et al.	166	281	
	CG	3,977,470	08/31/76	Chang	166	273	
	CH	5,495,891	03/05/96	Sydansk	166	295	
	CI	4,121,674	10/24/78	Fischer et al.	175	66	
	CJ						
	CK						
	CL						

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		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	CM							
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	CO							
	CP							
	CR							

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	CS		
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